

INTERNATIONAL SEARCH REPORT

International Publication No.

PCT/EP 03/07066

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K31/4155 A61K31/415 C07D405/04

According to international Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, BEILSTEIN Data, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 00 19994 A (UNIV ILLINOIS) 13 April 2000 (2000-04-13) abstract claims page 1, line 12 - line 20 page 21 page 78, line 5 - line 14 page 88 -page 89; tables 6A,6B	1-26
X	WO 00 07996 A (JAMES IAN ;KRYWULT BEATA (AU); CHEN LIYA (US); CHIRON CORP (US); D) 17 February 2000 (2000-02-17) abstract claims page 103 -page 107; examples	1-26
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

A document defining the general state of the art which is not considered to be of particular relevance

E earlier document but published on or after the international filing date

L document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

O document referring to an oral disclosure, use, exhibition or other means

P document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

& document member of the same patent family

Date of the actual completion of the international search

16 October 2003

Date of mailing of the international search report

30/10/2003

Name and mailing address of the ISA

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INTERNATIONAL SEARCH REPORT

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	FINK B E ET AL: "NOVEL STRUCTURAL TEMPLATES FOR ESTROGEN-RECEPTOR LIGANDS AND PROSPECTS FOR COMBINATORIAL SYNTHESIS OF ESTROGENS" CHEMISTRY AND BIOLOGY, CURRENT BIOLOGY, LONDON, GB, vol. 6, no. 4, 1999, pages 205-219, XP000905542 ISSN: 1074-5521 abstract page 207; table 1 page 211; table 4 Fig.10 page 212	1-26
X	WO 00 09500 A (HARDER ACHIM ;LOESEL PETER (DE); ANDERSCH WOLFRAM (DE); BAYER AGRO) 24 February 2000 (2000-02-24) claims examples	1-3,6
X	DATABASE CHEMCATS 'Online! CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; XP00222566 Order Number: TRG09600#07840-D, TRG#09600#07836-D, TRG09600#07832-D, TRG09600#07827-D, TRG09600#07812-D, TRG09600#07807-D, TRG09600 #07803-D, TRG09600#07656-D, TRG09600#07675-D TRG09600#07670-D, TRG09600#07666-D, TRG09600 #7662-D, TRG09600#07657-D, TRG09600#07652-D & "CHEM.FOLIO" 15 May 2001 (2001-05-15), LION BIOSCIENCE LTD., COMPASS HOUSE, 80-82 NEWMARKET ROAD, CAMBRIDGE, CB5 8DZ, UNITED KINGDOM	1-3,5
X	WO 95 15318 A (SEARLE & CO ;TALLEY JOHN J (US); ROGIER DONALD J JR (US); PENNING) 8 June 1995 (1995-06-08) claims examples	1-6
X	DE 42 30 839 A (CIBA GEIGY AG) 25 March 1993 (1993-03-25) page 7, line 5 - line 20	1-4

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INTERNATIONAL SEARCH REPORT

International Application No.

PCT/EP 03/07066

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>IGLESIAS R ET AL: "FLCS WITH A FIVE-MEMBERED RING IN THE MESOGENIC CORE" LIQUID CRYSTALS, TAYLOR AND FRANCIS LTD, LONDON, GB, vol. 22, no. 1, 1997, pages 37-46, XP000639783 ISSN: 0267-8292 Scheme 1 page 39</p> <p>-----</p>	1-4

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

Continuation of Box I.2

Claims Nos.: 1-3,7-26(part)

The initial phase of the search revealed a very large number of documents relevant to the issue of novelty. So many documents were retrieved that it is impossible to determine which parts of the claim(s) may be said to define subject-matter for which protection might legitimately be sought (Article 6 PCT). For these reasons, a meaningful search over the whole breadth of the claim(s) is impossible. Consequently, the search has been restricted to: Pyrazoles bearing the p-hydroxyphenyl-substituent in position 3 and a cyclic moiety in position 5. Accordingly all claims except for claims 4-6 have been searched in part.

The applicant's attention is drawn to the fact that claims, or parts of claims, relating to inventions in respect of which no international search report has been established need not be the subject of an international preliminary examination (Rule 66.1(e) PCT). The applicant is advised that the EPO policy when acting as an International Preliminary Examining Authority is normally not to carry out a preliminary examination on matter which has not been searched. This is the case irrespective of whether or not the claims are amended following receipt of the search report or during any Chapter II procedure.

INTERNATIONAL SEARCH REPORT

International application No.
PCT/EP 03/07066

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:
Although claims 9-26 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☒ Claims Nos.: 1-3, 7-26(part)
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
see FURTHER INFORMATION sheet PCT/ISA/210
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this International application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP 03/07066

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0019994	A	13-04-2000	AU 1199600 A WO 0019994 A1	26-04-2000 13-04-2000
WO 0007996	A	17-02-2000	AU 5467799 A EP 1102753 A2 JP 2002522422 T WO 0007996 A2 US 6291505 B1 US 2002111374 A1	28-02-2000 30-05-2001 23-07-2002 17-02-2000 18-09-2001 15-08-2002
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WO 9515318	A	08-06-1995	US 5434178 A AT 195118 T AU 1171595 A CA 2177574 A1 DE 69425442 D1 DE 69425442 T2 DK 731796 T3 EP 0731796 A1 ES 2150545 T3 GR 3034515 T3 JP 9505830 T PT 731796 T WO 9515318 A1	18-07-1995 15-08-2000 19-06-1995 08-06-1995 07-09-2000 08-02-2001 04-09-2000 18-09-1996 01-12-2000 29-12-2000 10-06-1997 31-01-2001 08-06-1995
DE 4230839	A	25-03-1993	DE 4230839 A1	25-03-1993